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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Thomas J. CAMPANA, Jr., et al
Serial No.:	07/702,939
Filed:	May 20, 1991
For:	ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS
Group:	2608
Examiner:	G. Oehling

2601 5-4-94

SUPPLEMENTAL AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

April 29, 1994

Sir:

This Amendment is supplemental to the Amendment of February 25, 1993.

IN THE SPECIFICATION:

On Cover Page, in the title (both occurrences), please change the present title from "ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS" to read --ELECTRONIC MAIL SYSTEM WITH RF COMMUNICATIONS TO MOBILE PROCESSORS AND METHOD OF OPERATION THEREOF--.

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Page 1, after line 3 and before line 4 in the title, insert --**And Method of Operation Thereby**--.

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Page 35, line 16, change "19" to --119--.

Page 84, In the Abstract, after line 2 and before line 3, insert the following to the title, --**And Method of Operation Thereby**--.

IN THE CLAIMS:

Please cancel original claims 1-85 without disclaimer or prejudice and insert new claims 86-171 as follows:

--86. A system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system comprising:

at least one gateway switch, one of the at least one gateway switch receiving the originated information and storing the originated information prior to transmission of the originated information to the at least one of the plurality of destination processors;

a RF information transmission network for transmitting the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors;

at least one interface switch, one of the at least one interface switch connecting at least one of the at least

one gateway switch to the RF information transmission network and transmitting the originated information to the RF information transmission network; and wherein

the originated information is transmitted to the one interface switch by the one gateway switch in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or either by the electronic mail system or the one interface switch.

~~87. A system in accordance with claim 86 wherein:~~

the one interface switch removes information added by the electronic mail system to the originated information and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission network, to the originated information.

~~88. A system~~ in accordance with claim 86 wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the one interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors into a packet and transmits the packet ~~to the RF information transmission network.~~

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~~89.~~ A system in accordance with claim ~~88~~ wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the one interface switch disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information network; and wherein

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to

which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

~~90. A system in accordance with claim 87 wherein:~~

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the one interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors into a packet and transmits the packet ~~to the RF information transmission network.~~

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~~91~~. A system in accordance with claim ~~90~~ wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the one interface switch disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information network; and wherein

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

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92. A system in accordance with claim 87 wherein:

the electronic mail system also transmits information between the plurality of originating processors and the plurality of destination processors through either a public or private switch telephone network without transmission by the RF information transmission network with the at least one destination processor being addressed during transmission of the information to the at least one destination processor when using the public or private switch telephone network with a different address than the address used during transmission to the at least one of the plurality of destination processors by the RF information transmission network.

93. A system in accordance with claim 86 wherein:

the address of the one interface switch is added to the originated information by the one gateway switch.

94. A system in accordance with claim 86 wherein:

the address of the one interface switch is added by the one originating processor.

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~~95.~~ A system in accordance with claim ~~86~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one originating processor.

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~~96.~~ A system in accordance with claim ~~86~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one gateway switch.

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~~97.~~ A system in accordance with claim ~~86~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one interface switch.

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~~98.~~ A system in accordance with claim ~~95~~ wherein:

the identification number is added to the originated information by inputting the identification number to the one originating processor.

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~~99.~~ A system in accordance with claim ~~95~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~100.~~ A system in accordance with claim ~~96~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~101.~~ A system in accordance with claim ~~97~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~102.~~ A system in accordance with claim ~~86~~ wherein:

the address of the one interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by the one gateway switch.

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103. A method for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system comprising:

transmitting the originated information originating from the one of the plurality of originating processors to a gateway switch;

transmitting the originated information from the gateway switch to an interface switch;

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transmitting the originated information from the interface switch to an RF information transmission network; and

transmitting the originated information with the RF information transmission network to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors; and wherein

the originated information is transmitted to the interface switch by the gateway switch in response to an address of the interface switch which has been added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information which has been added at the originating processor or either by the electronic mail system or the interface switch.

104. A method in accordance with claim 103 wherein:

the interface switch removes information added by the electronic mail system to the originated information and adds information, used by the RF information transmission network during transmission of the originated information to the originated information to the at least one RF receiver in the RF information transmission network, to the originated information.

105. A method in accordance with claim 103 wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of originating processors into a packet and transmits the packet to the RF information transmission network.

21 ~~106~~. A method in accordance with claim 20 ~~105~~ wherein:

an RF information transmission network switch receives the packet from the interface switch and disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information transmission network; and

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

~~107. A method in accordance with claim 104 wherein:~~

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of originating processors into a packet and transmits the packet ~~to the~~ RF information transmission network.

~~108.~~ 23 A method in accordance with claim ~~107~~ 22 wherein:

an RF information transmission network switch receives the packet from the interface switch and disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information transmission network; and

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is

to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

109. A method in accordance with claim 104 wherein:

the electronic mail system also transmits information between the plurality of originating processors and the plurality of destination processors through either a public or private switch telephone network without transmission by the RF information transmission network with the at least one of the plurality of destination processors being addressed during transmission of the originated information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission to the at least one of the plurality of destination processors by the RF information transmission network.

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~~110.~~ A method in accordance with claim ~~103~~ wherein:

the address of the interface switch is added to the originated information by the gateway switch.

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~~111.~~ A method in accordance with claim ~~103~~ wherein:

the address of the interface switch is added by the one originating processor.

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~~112.~~ A method in accordance with claim ~~103~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one originating processor.

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~~113.~~ A method in accordance with claim ~~103~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the gateway switch.

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~~114~~. A method in accordance with claim ~~103~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the interface switch.

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~~115~~. A method in accordance with claim ~~112~~ wherein:

the identification number is added to the originated information by inputting the identification number to the one originating processor.

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~~116~~. A method in accordance with claim ~~112~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~117.~~ A method in accordance with claim ~~113~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~118.~~ A method in accordance with claim ~~114~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~119.~~ A method in accordance with claim ~~103~~ wherein:

the address of the interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by a gateway switch.

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120. A system for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system comprising:

a RF information transmission network for transmitting the originated information to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors;

at least one interface switch, one of the at least one interface switch connecting the electronic mail system to the RF information transmission network and transmitting the originated information to the RF information transmission network; and wherein

the originated information is transmitted to the one interface switch by the electronic mail system in response to an address of the one interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the one interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating processor, or either by the electronic mail system or the one interface switch.

~~121. A system~~ in accordance with claim 120 wherein:

the one interface switch removes information added by the electronic mail system to the originated information and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the at least one RF receiver in the RF information transmission ~~network, to the originated information.~~

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~~122.~~ A system in accordance with claim ~~120~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the one interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF information transmission network.

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~~123. A system in accordance with claim 122~~ wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the one interface switch disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information network; and wherein

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast ~~to the at least one RF receiver.~~

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~~124.~~ A system in accordance with claim ~~121~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the one interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors into a packet and transmits the packet to the RF information transmission network.

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~~125. A system in accordance with claim 124 wherein the~~ RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the one interface switch disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information network; and wherein

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one ~~RF receiver in the RF information transmission network to~~

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which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

126. A system in accordance with claim 121 wherein:

the electronic mail system also transmits information between the plurality of originating processors and the plurality of destination processors through either a public or private switch telephone network without transmission by the RF information transmission network with the at least one of the plurality of destination processors being addressed during transmission of the information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission to the at least one of the plurality of destination processors by the RF information transmission network.

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~~127.~~ A system in accordance with claim ~~120~~ wherein:

the address of the one interface switch is added to the originated information by the one gateway switch.

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~~128.~~ A system in accordance with claim ~~120~~ wherein:

the address of the one interface switch is added by the one originating processor.

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~~129.~~ A system in accordance with claim ~~120~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one originating processor.

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~~130.~~ A system in accordance with claim ~~120~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one gateway switch.

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~~131.~~ A system in accordance with claim ~~120~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of at least one RF receiver receiving the originated information and transferring the originated information to the at least one of the plurality of destination processors and is added to the originated information by the one interface switch.

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~~132.~~ A system in accordance with claim ~~129~~ wherein:

the identification number is added to the originated information by inputting the identification number to the one originating processor.

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~~133.~~ A system in accordance with claim ~~129~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~134.~~ A system in accordance with claim ~~130~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~135.~~ A system in accordance with claim ~~131~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~136.~~ A system in accordance with claim ~~120~~ wherein:

the address of the one interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by a gateway switch.

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137. A method for transmitting originated information from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system comprising:

transmitting the originated information originating from the one of the plurality of originating processors to an interface switch;

transmitting the originated information from the interface switch to an RF information transmission network; and

transmitting the originated information with the RF information transmission network to at least one RF receiver which transfers the originated information to the at least one of the plurality of destination processors; and wherein

the originated information is transmitted to the one interface switch by the electronic mail system in response to an address of the interface switch added to the originated information at the one of the plurality of originating processors or by the electronic mail system and the originated information is transmitted from the interface switch to the RF information transmission network with an address of the at least one of the plurality of destination processors to receive the originated information added at the originating

processor or either by the electronic mail system or the interface switch.

~~138.~~ A method in accordance with claim 137 wherein:

the interface switch removes information added by the electronic mail system to the originated information and adds information, used by the RF information transmission network during transmission of the originated information through the RF information transmission network to the originated information to the at least one RF receiver in the RF information transmission network, to the originated ~~information~~.

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~~139.~~ A method in accordance with claim ~~137~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of originating processors into a packet and transmits the packet to the RF information transmission network.

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~~140.~~ A method in accordance with claim ~~139~~ wherein:

an RF information transmission network switch receives the packet from the interface switch and disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information transmission network; and

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

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~~141~~. A method in accordance with claim ~~138~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information received from a plurality of originating processors into a packet and transmits the packet to the RF information transmission network.

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~~142. A method in accordance with claim 141 wherein:~~

an RF information transmission network switch receives the packet from the interface switch and disassembles the packet into disassembled information including the originated information and the identification number of the at least one RF receiver in the RF information transmission network; and

the RF information transmission network transmits the originated information and the identification number from the RF information transmission network switch to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to ~~which the originated information and identification number is~~

~~to be transmitted by the RF information transmission network~~ and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the ~~RF~~ information transmission network in response ~~to~~ any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast ~~to the at least one RF receiver.~~

143. A ~~method~~ in accordance with claim 138 wherein:

the electronic mail system also transmits information between the plurality of originating processors and the plurality of destination processors through either a public or private switch telephone network without transmission by the RF information transmission network with the at least one of the plurality of destination processors being addressed during transmission of the information to the at least one of the plurality of destination processors when using the public or private switch telephone network with a different address than the address used during transmission to the at least one of the plurality of destination processors by the RF information transmission network.

~~144~~. A method in accordance with claim ~~137~~ wherein:

the address of the interface switch is added to the originated information by a gateway switch.

60 52
~~145~~. A method in accordance with claim ~~137~~ wherein:

the address of the interface switch is added by the one originating processor.

61 52
~~146~~. A method in accordance with claim ~~137~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the information to the at least one of the plurality of destination processors and is added to the originated information by the one originating processor.

62 52
~~147~~. A method in accordance with claim ~~137~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the information to the at least one of the plurality of destination processors and is added to the originated information by the gateway switch.

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~~148.~~ A method in accordance with claim ~~137~~ wherein:

the address of the at least one of the plurality of destination processors is an identification number of the at least one RF receiver receiving the originated information and transferring the information to the at least one of the plurality of destination processors and is added to the originated information by the interface switch.

64 63
~~149.~~ A method in accordance with claim ~~148~~ wherein:

the identification number is added to the originated information by inputting the identification number to the one originating processor.

65 63
~~150.~~ A method in accordance with claim ~~148~~ wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~151. A method in accordance with claim 119 wherein:~~

the identification number is added to the originated information by matching an identification of the at least one of the plurality of destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated ~~information as the identification number.~~

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152. A method in accordance with claim 150 wherein:

the identification number is added to the originated information by matching an identification of the at least one of the plurality destination processors with a stored identification of the at least one of the plurality of destination processors and adding an identification number stored with the matched identification of the at least one of the plurality of destination processors to the originated information as the identification number.

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~~153. A method in accordance with claim 120 wherein:~~

the address of the interface switch and the address of the at least one of the plurality of destination processors to receive the originated information is added by a gateway switch.

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68 52
~~154~~. A method in accordance with claim ~~137~~ wherein:

the at least one RF receiver transfers the originated information from storage to the at least one of the plurality of destination processors in the electric mail system at a time subsequent to reception of the originated information by the at least one receiver.

69 68
~~155~~. A method in accordance with claim ~~154~~ wherein:

the at least one RF receiver is portable.

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~~156~~. A method in accordance with claim ~~154~~ wherein:

the at least one RF receiver and the at least one of the plurality of destination processors in the electronic mail system are portable.

71 68
~~157~~. A method in accordance with claim ~~154~~ wherein:

the transfer of the originated information occurs after the at least one RF receiver is connected to the at least one of the plurality of destination processors in the electronic mail system.

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~~158~~. A method in accordance with claim ~~155~~ wherein:

the transfer of the originated information occurs after the at least one RF receiver is connected to the at least one of the plurality of destination processors in the electronic mail system.

73 ~~159.~~ 70 A method in accordance with claim ~~156~~ wherein:

the transfer of the originated information occurs after the at least one RF receiver is connected to the at least one of the plurality of destination processors in the electronic mail system.

74 ~~160.~~ 52 A method in accordance with claim ~~137~~ wherein:

the transfer occurs under control of a program stored by the at least one of the plurality of destination processors of the electronic mail system and makes the originated information accessible to application programs stored within the at least one of the plurality of destination processors of the electronic mail system.

75 ~~161.~~ 71 A method in accordance with claim ~~157~~ wherein:

the transfer occurs under control of a program stored by the at least one of the plurality of destination processors of the electronic mail system and makes the originated information accessible to application programs stored within the at least one of the plurality of destination processors of the electronic mail system.

76 52
~~162.~~ A method in accordance with claim ~~137~~ wherein:

the transmission of the originated information between the one of the plurality of originating processors and the interface switch is through a host computer, a telephone network and a gateway switch.

77 52
~~163.~~ A method in accordance with claim ~~137~~ wherein:

the transmission of the originated information between the one of the plurality of originating processors and the interface switch is through a private automatic branch exchange, a telephone network and a gateway switch.

78 52
~~164.~~ A method in accordance with claim ~~137~~ wherein:

the transmission of the originated information between the one of the plurality of originating processors and the interface switch is through a local area network, a telephone network and a gateway switch.

79 52
~~165.~~ A method in accordance with claim ~~137~~ wherein:

the transmission of the originated information between the one of the plurality of originating processors and the interface switch is through a modem, a telephone network and a gateway switch.

90

80 35
~~166.~~ A system in accordance with claim ~~120~~ wherein:

the electronic mail system comprises a private automatic branch exchange.

81 35
~~167.~~ A system in accordance with claim ~~120~~ wherein:

the electronic mail system comprises a local area network.

82 35
~~168.~~ A system in accordance with claim ~~120~~ wherein:

the electronic mail system comprises at least one gateway switch.

83 82
~~169.~~ A system in accordance with claim ~~168~~ wherein:

the electronic mail system further comprises a telephone network.

84 83
~~170.~~ A system in accordance with claim ~~169~~ wherein:

the telephone network is a public switch telephone network.

85 35
~~171.~~ A system in accordance with claim ~~120~~ wherein:

the electronic mail system comprises a host central processing unit.--

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REMARKS

Newly submitted claims 86-171 have been drafted to define the invention with terminology consistent with that used in the April 20, 1994 Amendment and the April 28, 1994 Supplemental Amendment in Serial No. 07/702,938 which has a common disclosure with this application and which is identified in the Cross-Reference to Related Applications. Claims 86-171 have been drafted to avoid the areas of indefiniteness noted by the Examiner in the last Office Action in Serial No. 07/702,938 and to cover subject matter differently than that covered by original claims 1-85 and to cover subject matter disclosed in the application as filed but not covered by claims 1-85.

Claims 103-119 and 137-153 define a method for transmitting originated information originating from one of a plurality of originating processors in an electronic mail system to at least one of a plurality of destination processors in the electronic mail system disclosed in the application as filed. Method claims 103-119 and 137-153 define a method of operation corresponding generally to that recited in newly submitted system claims 86-102 and 120-136.

Dependent claims 154-165 further limit the method of independent claim 137 and dependent claims 166-171 further limit the system of independent claim 120. These claims define further elements of the invention which are not taught by the prior art of record.

Newly submitted claims 120-153 define the invention more broadly than newly submitted claims 86-119 in that there is no recitation of a gateway switch in independent claims 120 and 137 which is recited in independent claims 86 and 103.

The claims are patentable for the reasons set forth in February 25, 1993 Amendment, further for the reason that the method claims are patentable for the same reasons as the claims to the system are patentable and finally, newly submitted claims 154-171 define additional aspects of the claimed method and system which, as stated above, are not taught by the prior art of record.

The title has been amended to include the claimed method as part of the title and the specification has been amended to correct a typographical error identifying the receiver 119.

A check in the amount of $48.00 is submitted to cover one additional independent claim and one additional dependent claim.

A Supplemental Declaration of the inventors, Messrs. Campana, Ponschke and Thelen will be submitted for the purpose of affirming that the claimed invention was invented by them and disclosed in the application as filed.

Early allowance of claims 86-171 is respectfully requested.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time

fees, to Deposit Account No. 01-2135 (780.29643X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

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WHW:dlh